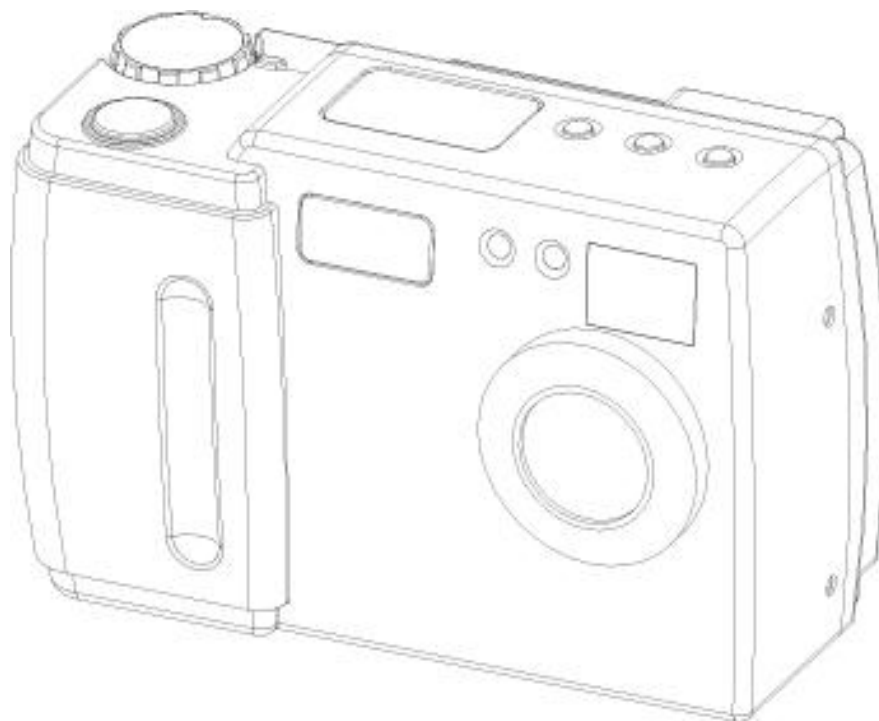




SC-2100

2.1 Mega Pixel Digital Still Camera

Owner's Manual

About this manual

This manual is designed to assist you in using the SiPix Model SC-2100, 2.1M Digital camera. Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice.

Edition

First Edition, December 2000

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Federal Communications Commission (FCC) Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ◆ Reorient or relocate the receiving antenna.
- ◆ Increase the separation between the equipment and the receiver.
- ◆ Connect the equipment onto an outlet on a circuit different from that to which the receiver is connected.
- ◆ Consult the dealer or an experienced radio/TV technician for help.

Warning: *A shielded-type power cord is required in order to meet FCC emission limits and to prevent interference to the nearby radio and television reception. It is essential that only the manufacturer's recommended power cord be used. Use only shielded cables to connect I/O devices to this equipment.*

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Declaration of conformity

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

- ◆ This device may not cause harmful interference.
- ◆ This device must accept any interference received, including interference that may cause undesired operation.

Canadian Department of Communications

This class B digital apparatus meets all requirements of the Canadian Interference-causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Trademark recognition

Microsoft MS-DOS and Windows are registered trademarks of Microsoft Corp.

Other product names used in this manual are the properties of their respective owners and are acknowledged.

Safety and handling precautions

Camera information

- ◆ Do not take apart or attempt to service the camera yourself.
- ◆ Do not expose the camera to moisture, or extremes in temperature.
- ◆ Let the camera warm up when moving from a cold to a warm temperature.
- ◆ Do not touch the lenses of the camera.
- ◆ Do not expose the lens to direct sunlight for extended periods.

Battery information

- ◆ Turn off the camera before installing or removing batteries.
- ◆ Use only AA alkaline, lithium, or rechargeable NiCD or NiMH batteries.
- ◆ Always replace the batteries with four new or freshly charged batteries.
- ◆ Do not use batteries that are leaking, corroded, or damaged.
- ◆ Do not attempt to recharge non-rechargeable batteries.
- ◆ When charging rechargeable batteries, use a battery charger specifically designed for the type of battery. If the charger is designed to accommodate multiple battery types, be sure to adjust its settings to match the type of battery you are recharging.
- ◆ Remove the batteries from the camera if you are going to store the camera for extended periods.

Table of Contents

<i>Getting Started</i>	1
<i>Identifying components</i>	2
<i>Identifying components – main switch and LCD</i>	4
<i>Installing and removing the CompactFlash® card</i>	6
<i>Inserting batteries</i>	7
<i>Using the LCD monitor</i>	8
<i>Setup Mode screens</i>	9
<i>Playback Mode screens</i>	11
<i>Capture Mode screens</i>	12
<i>Protecting Images</i>	18
<i>Connecting to an AC power source</i>	21
<i>Viewing pictures on your TV (NTSC or PAL)</i>	22
<i>Installing software</i>	23
<i>Connecting the SC-2100 to your PC</i>	25
<i>Downloading pictures to your PC</i>	26
<i>Troubleshooting</i>	28
<i>Specifications</i>	30
<i>One Year Limited Warranty</i>	31
<i>Warranty Service</i>	33
<i>Technical Support</i>	34

Getting Started

Congratulations on your purchase of this SiPix SC-2100, 2.1M Digital camera. Your SiPix 2.1M Digital camera has been designed to allow you to quickly and easily take quality digital pictures.

With a 2.1 Mega Pixel CCD image sensor you are assured of high-resolution, clear pictures that can be printed, displayed on a Web site, or sent to others via e-mail.

The supplied software and drivers enable you to easily download your pictures to a PC. With the application software you can edit pictures with tools such as sharpen, smooth, red eye correction, and brightness and contrast adjustment. Other software features include special effects such as create panorama images and cylinder. The USB cable allows fast download of pictures.

Unpacking the camera

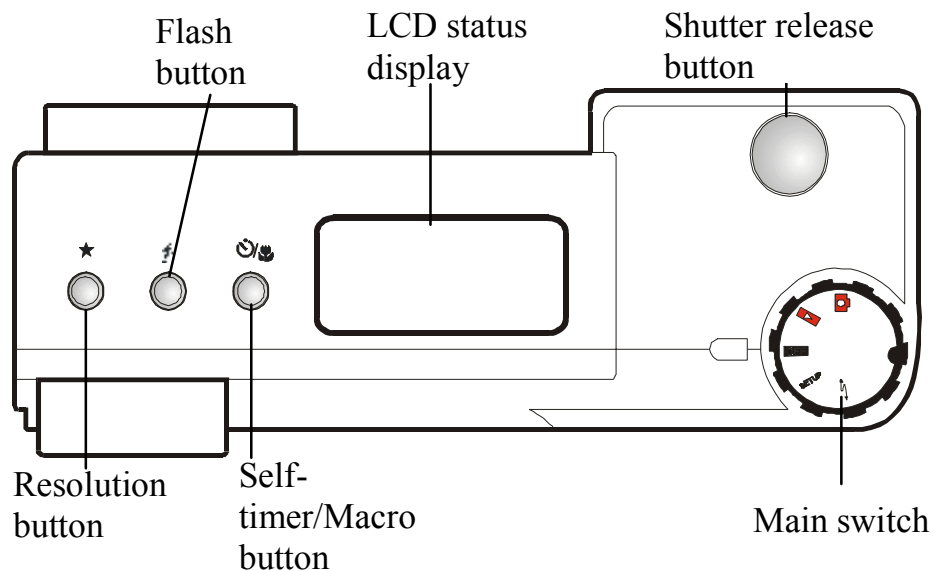
Open the carton and carefully remove the contents. If anything is missing or damaged, please contact your dealer immediately. The shipping carton should contain the following items:

- Camera
- Owner's manual
- Camera strap
- USB connector cable
- Four AA alkaline batteries
- 8MB CompactFlash card
- SC-2100 CD-ROM containing;
 - SiPix SC-2100 TWAIN driver
 - User's manual in PDF format
 - Quick Start Guide
- MGI PhotoSuite IIISE

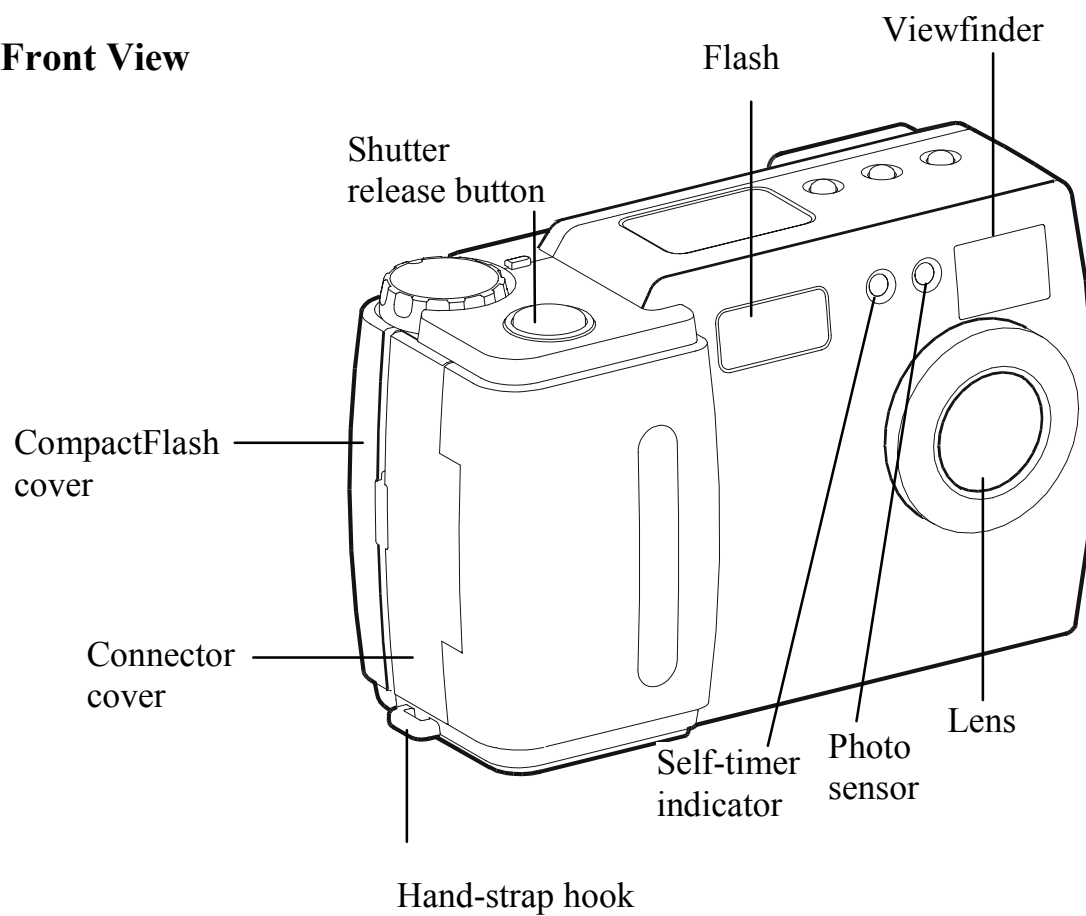
Note: Do not throw the carton away. Save the carton for future use.

Identifying components

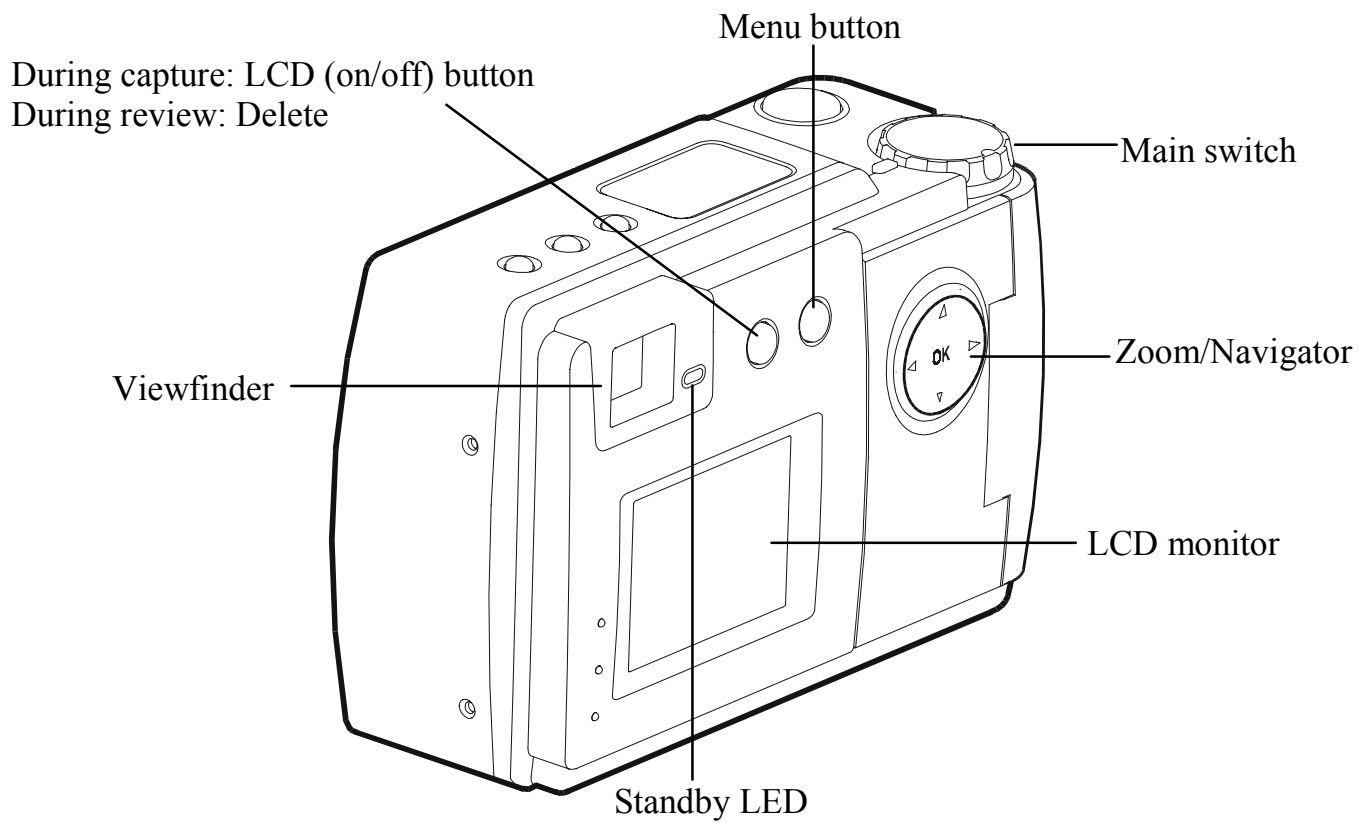
Top view



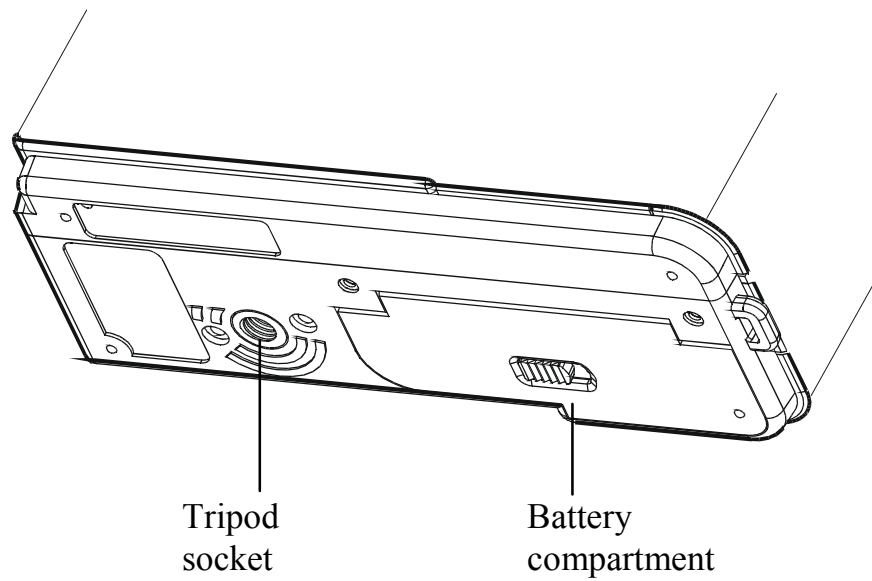
Front View



Rear view



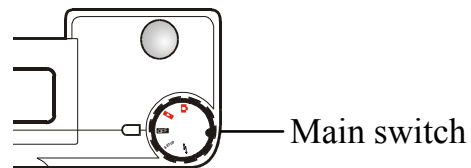
Bottom view

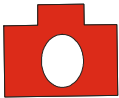


Identifying components – main switch and LCD

Main switch

There are five settings for the main switch; refer to the following table:



Icon	Description
	Capture setting for taking pictures
	Playback setting for viewing pictures
OFF	Powers off the camera
SETUP	Setup for changing camera's basic configuration
	Upload for uploading pictures to your PC

LCD status display

The following illustration shows all LCD status icons available in the LCD status display:



Icon	Meaning
★ ★ ★	Indicates the picture quality setting • Three Stars: 1600 x 1200 super-fine resolution, six (6) pictures maximum (for supplied 8MB card) • Two Stars: 1600 x 1200 fine resolution, 31 pictures maximum (for supplied 8MB card) • One Star: 800 x 600 standard resolution, 63 pictures maximum (for supplied 8MB card)
	Indicates the battery charge level
	Indicates the number of pictures remaining on the CompactFlash memory card
	Warns that no CompactFlash memory card is inserted
 	The following options are available by repeatedly pressing the flash button: •  Automatic Flash: Flash occurs automatically •  Flash Always On: Flash is always on •  No Flash: Flash function is disabled. •  Red Eye: Pre-flash to reduce red-eye effect Note: The standby LED blinks until the flash is charged
	Macro function is enabled
	Self-timer function is enabled
	Continuous shoot (four frames in sequence) function is enabled

Installing and removing the CompactFlash® card

1. Set the main switch to **OFF**.
2. Open the CompactFlash cover.
3. *Installing:* First make sure that the eject button is not protruding. Next, insert the CompactFlash card with the label on the card facing the front of the camera. Push firmly until the card is flush with the housing. *See note below.*
Removing: Push the eject button; the button protrudes. Now push the eject button again to partially eject the CompactFlash card. Remove the CompactFlash card. Once the card is removed, make sure that the eject button is no longer protruding before closing the cover.
4. Close the CompactFlash cover.

Note: *If you feel resistance when inserting the CompactFlash card, check the orientation of the card. The card should insert smoothly and easily when correctly orientated*

Inserting batteries

1. Set the main switch to **OFF**.
2. To open the battery compartment cover located on the bottom of the camera, slide the release latch; the cover opens.
3. Note the battery polarity on the inside cover and insert the batteries in the battery compartment.
4. Close the battery compartment cover pressing until it clicks shut.

***Note:** Use only AA alkaline, lithium, or rechargeable NiCD or NiMH batteries. Inserting the batteries with the incorrect polarity will not damage the camera or batteries.*

Battery display

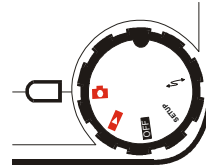
Battery icon	Meaning
	The batteries have a full charge, or the AC adapter is connected
	The batteries have approximately 50% power left
	The batteries have approximately 25% power left
	The batteries are almost empty. Replace the batteries with fresh batteries

Using the LCD monitor

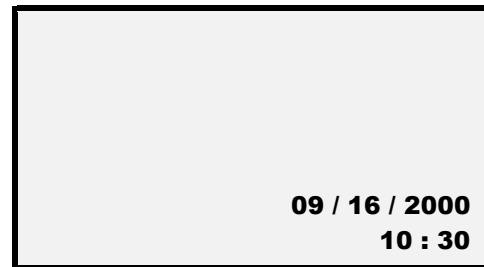
The 1.8-inch color LCD monitor allows you to preview pictures before and right after they've been taken. The LCD monitor will not operate when the main switch is **OFF**.

Capture Mode preview

To turn the LCD monitor on in Capture mode, turn the main switch to **Capture** and press the **Delete/LCD (on/off)** button.



Note: To set the time, refer to the instructions on page 10.



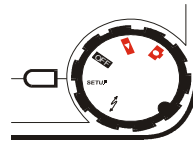
Playback preview

After taking pictures, you can preview them from Playback Mode. You will have the option to instantly delete pictures, freeing up storage space. You can also enable “protect” to prevent images being deleted.

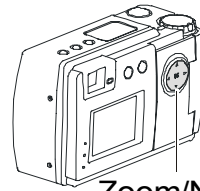
There are two methods for Playback Mode: Single image display and Thumbnail display. For more information on how to switch back and forth between these modes, see page 11.

Setup Mode screens

To access the Setup Mode screens, set the main switch to **SETUP**. The Setup Menu screen appears.



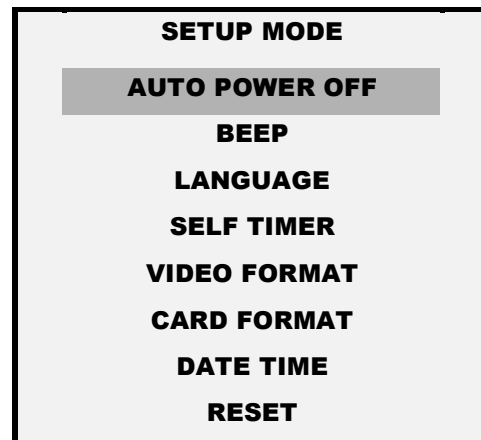
Use the Zoom/Navigator **up/down** arrows to scroll menus. Use the Zoom/Navigator **OK** button to make selections.



Zoom/Navigator button

Setup Menu

In the main menu, scroll to the item you would like to adjust and press **OK**. Next, scroll to the desired setting and press **OK**.



Auto Off

This item determines the amount of time before the camera shuts off automatically, when it is not in use. In the main menu scroll to **Auto Power Off** and press **OK**. Scroll to the desired setting and press **OK**.

Beep

This setting allows you to turn off the “beep” sound. In the main menu scroll to **Beep** and press **OK**. Scroll to the desired setting and press **OK**.

Language

This setting allows you to select the language that the menus are displayed in. In the main menu scroll to **Language** and press **OK**. Scroll to desired language and press **OK**.

Self Timer

This setting allows you to select the amount of delay for the self-timer. In the main menu scroll to **Self Timer** and press **OK**. Scroll to desired setting and press **OK**.

Video Format

This setting allows you to select the video format for viewing images using your television (Video cable required). Two video formats are available: NTSC and PAL. In the main menu scroll to **Video Format**, choose format and press **OK**.

Card Format

This setting allows you to erase all of the data stored on the CompactFlash card (including “Protected” images). In the main menu scroll to **Card Format** and press **OK**. Scroll to **Yes** and press **OK** to format (erase all data) the CompactFlash. Scroll to **No** and press **OK** to exit to the main menu without formatting the card.

Date Time

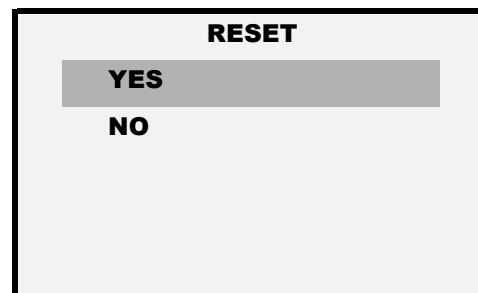
This setting allows you to set the date and time.

1. In the main menu scroll to **Date Time** and press **OK**.
2. **Year** is selected: use the **left/right** arrows to change the value, then use the **up/down** arrows to move to the next item.
3. Repeat Step 2 for the other date and time items and date stamp.
4. Scroll to **Set** and press **OK** to enter the new time and exit this menu.

To exit menu, scroll to Exit and press **Exit**.

Reset

This item lets you reset the camera settings to the factory defaults. In the main menu scroll to **Reset** and press **OK**. Press **Yes** or **No** and then Exit.



Playback Mode screens

Caution! In Playback Mode pressing the **Delete/LCD (on/off)** button does not turn the LCD monitor on or off but instead deletes pictures

To access the Playback Mode screens, set the main switch to **Playback**.

Press the **Menu** button. The Playback menu screen appears.

Use the Zoom/Navigator **up/down** arrows to scroll menus. Use the Zoom/Navigator **OK** button to make selections.

Playback Menu

In the main menu, scroll to the item you would like to adjust and press **OK**. Next, scroll to the desired setting and press **OK**.

Type

This item sets how many images you can view in Playback mode. In the main menu scroll to **Type** and press **OK**. You have two options: 1 image (Single Image) or 9 images (Thumbnail). Scroll to the desired setting and press **OK**.

Protect

This item lets you protect images from being deleted. Move to the image that you want to protect. In the main menu scroll to **Protect** and press **OK**. Scroll to **Yes** to protect, or **No** to unprotect and press **OK**.

Slide Show

When enabled this item will begin a slideshow of all currently loaded images at three- or ten- second intervals. In the menu scroll to **Slide Show** and press **OK**. Scroll to **3 Sec** or **10 Sec** and press **OK** to start the slideshow.

Delete All

This item lets you delete all images (except protected images) from the CompactFlash card. In the main menu scroll to **Delete All** and press **OK**. Select **Yes** or **No** and press **OK**.

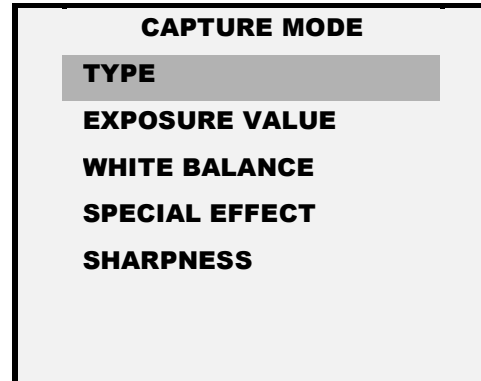
Note: To delete protected images you must first “unprotect” the image. This is done in the Protect menu. Select No to unprotect.

Capture Mode screens

Use the **Zoom/Navigator** up/down arrows to scroll menus. Use the Zoom/Navigator OK button to make selections.

Capture Menu

In the main menu, scroll to the item you would like to adjust and press **OK**. Next, scroll to the desired setting and press **OK**.



Type

This item lets you choose if one image (Single Image) will be taken when the shutter release button is pressed or four images (Continuous Shoot). In the main menu scroll to **Type** and press **OK**. Scroll to the desired setting and press **OK**.

Exposure Value

This setting controls the amount of light the sensor in the camera sees. In the main menu scroll to **Exposure Value** and press **OK**. A higher setting (+) results in a brighter image; a lower setting (-) a darker image. Select the desired setting and press **OK**.

White Balance

This item lets you set the white balance for your pictures. In the main menu scroll to **White Balance** and press **OK**. For general photos, use automatic. If auto is not working for your particular lighting, then use the Daylight setting for outdoor pictures, Fluorescent for indoor office lighting (long tube style bulb), and Tungsten for home lighting (light bulbs found in lamps). Scroll to the desired setting and press **OK**.

Special Effect

This item lets you take pictures in black & white or color. In the main menu scroll to **Special Effect** and press **OK**. Scroll to the desired setting and press **OK**.

Sharpness

This item affects the sharpness of the pictures you take. In the main menu scroll to **Sharpness** and press **OK**. Scroll to the desired setting and press **OK**.

Turning the camera on and off

1. Set the main switch to **Capture**.
2. Check the current settings in the LCD status display. (See *LCD status display*.)
3. Press the **Delete/LCD (on/off)** button to turn on the LCD monitor.
4. To turn the camera off, set the main switch to **OFF**.

Taking pictures (single frame)

1. Set the main switch to **Capture**.
2. Check the current settings in the LCD status display.
3. Press the picture resolution button to set the image quality.
4. Set the flash mode.
5. Ensure the standby LED has stopped flashing and align the picture through the viewfinder.
6. Press the shutter release button to take the picture. You hear a beep as the picture is taken. The LCD status display indicates the number of pictures you have left.

Sequential shooting (four frames)

The sequential shot takes four pictures in sequence with a 1-second (low-light) to 1/30-second (bright-light) interval between each frame. Refer to the following.

***Note:** To take a sequential shot, there must be at least four images left on the CompactFlash card.*

The flash is disabled for sequential shots.

1. Set the main switch to **Capture**.
2. Press the **Delete/LCD (on/off)** button to turn on the LCD monitor.
3. Press the **Menu** button to open the Playback Mode main menu.
4. Use the Zoom/Navigator **up/down** arrows to scroll to **Type** and press **OK**. The Type screen appears.

PLAYBACK MODE
TYPE
PROTECT
AUTOPLAY
DELETE ALL
5. Use the Zoom/Navigator **up/down** arrows to scroll to **Continue Shoot** and press **OK**.

TYPE
SINGLE IMAGE
CONTINUE SHOOT
6. Press the **Menu** button to exit the Playback Mode menu.
7. Ensure the standby LED has stopped flashing and align the picture through the viewfinder.
8. Press the shutter release button down and continue to hold down to sequentially take the pictures. Repeat steps 7 and 8 to take another sequential shot.

***Note:** If the camera is turned off after taking a sequential shot and then turned back on, the default “Single Image” is reset.*

Setting the resolution (picture quality)

1. Set the main switch to **Capture**.
2. Press the picture resolution button to set the picture resolution to super fine, fine or standard.
3. Ensure the standby LED has stopped flashing and align the picture through the viewfinder.
4. Press the shutter release button to take the picture.

Icon	Meaning
★ ★ ★	Indicates the picture quality setting: • Three Stars: 1600 x 1200 super-fine resolution, six pictures maximum. • Two Stars: 1600 x 1200 fine resolution, 31 pictures maximum. • One Star: 800 x 600 standard resolution, 64 pictures maximum.

Setting the flash

1. Set the main switch to **Capture**.
2. Press the flash mode button and select the mode you want.
3. Ensure the standby LED has stopped flashing and align the picture through the viewfinder.

Flash Mode	Meaning
 Automatic Flash	The flash occurs automatically when ambient lighting is insufficient for picture capture.
 No Flash	The flash function is disabled.
 Flash Always On	The flash is used with every picture regardless of lighting conditions
 Red Eye	When taking pictures with the flash, the common red-eye effect is reduced

Setting the Self-timer

1. Set the main switch to **Capture**.
2. Press the self-timer/macro button to enable self-timer mode.
3. The self-timer icon appears in the LCD status display.
4. Ensure the standby LED has stopped flashing and align the picture through the viewfinder.
5. Press the shutter release button. You have ten (or thirty seconds) to move to your location for the picture.
6. The self-timer indicator starts to blink red. After seven (or 27) seconds, the self-timer indicator blinks faster for three seconds to alert you to prepare for the picture. After three seconds, the camera takes the picture.

***Note:** Use a tripod with the self-timer function for optimal results.*

Using the zoom function

If the LCD monitor is turned on when you enable zoom, a “**2X**” icon is shown at the top of the display.

1. Set the main switch to **Capture**.
2. Press the **Delete/LCD (on/off)** button to turn on the LCD monitor.
3. Press the Zoom/Navigator **up**/down arrow to zoom in on the subject. Press the Zoom/Navigator up/**down** arrow to zoom out.
4. When LED has stopped flashing, align the picture through the viewfinder.
5. Press the shutter release button to take the picture.

Using the macro function

Enable the macro function for close-up photography between approximately 8"-23" (20cm-60cm) from the subject.

1. Set the main switch to **Capture**.
2. Press the self-timer/macro button three times to enable macro mode. (Press the self-timer/macro button twice to enable macro mode and the self-timer.)
3. The macro icon appears in the LCD status display.
4. Ensure the standby LED has stopped flashing and align the picture through the viewfinder.
5. Press the shutter release button.

Protecting Images

Protecting and deleting images in Single image display mode

When the camera is turned on in Playback mode, it displays by default in Single image mode.

Set the main switch to **Playback** to turn on the LCD monitor.

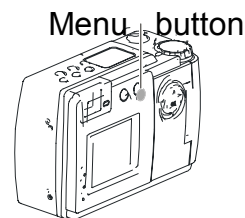
The current picture and total stored pictures are displayed in the bottom-left corner.

Protecting images

1. Use the Zoom/Navigator **left/right** arrows to scroll to the desired image.
2. Press the **Menu** button to open the Playback Mode main menu.
3. Use the Zoom/Navigator **up/down** arrows to scroll to **Protect** and press **OK**. The Protect screen appears.

PLAYBACK MODE
TYPE
PROTECT
SLIDE SHOW
DELETE ALL

4. Use the Zoom/Navigator **up/down** arrows to scroll to **Yes** and press **OK** to protect the selected image.
5. Press the **Menu** button to exit the Playback Mode menu.



Deleting images

1. Use the Zoom/Navigator **left/right** arrows to scroll to the desired image.
2. Press the **Delete/LCD (on/off)** button. The Delete menu appears.

3. Use the Zoom/Navigator **up/down** arrows to scroll to **Yes**. Press **OK** to delete the selected image and exit the menu.

Note: You cannot delete a protected image. You must first “un-protect” the image.

Protecting and deleting images in Thumbnail display mode

1. Set the main switch to **Playback**.
2. Press the **Menu** button to open the Playback Mode main menu.
3. Use the Zoom/Navigator **up/down** arrows to scroll to **Type** and press **OK**. The Type screen appears.
4. Use the Zoom/Navigator **up/down** arrows to scroll to **Thumbnail** and press **OK**.
5. Press the **Menu** button to exit the Playback Mode menu.

The pictures you have taken are displayed in Thumbnail format. Use the Zoom/Navigator **left/right** arrows to scroll through the pictures. In this example, five images are loaded. The selected image—*number 3 in this example*—is highlighted with a white border. If more than nine images are stored, the images will automatically load when you scroll past the last Thumbnail.

Protecting images

1. Use the Zoom/Navigator **left/right** arrows to move to the desired image.
2. Press the **Menu** button to open the Playback Mode main menu.

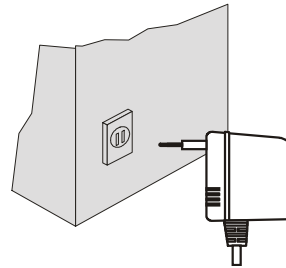
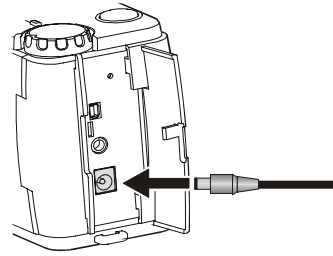
3. Use the Zoom/Navigator **up/down** arrows to scroll to **Protect** and press **OK**. The Protect screen appears.
4. Use the Zoom/Navigator **up/down** arrows to scroll to **Yes** and press **OK** to protect the selected image.
5. Press the **Menu** button to exit the Playback Mode menu.
6. A “Protect” icon is shown in the top-right of the LCD monitor indicating the image is protected.

Deleting images

1. Use the Zoom/Navigator **left/right** arrows to move to the desired image.
2. Press the **Delete/LCD (on/off)** button. The Delete menu appears.
3. Use the Zoom/Navigator **up/down** arrows to scroll to **Yes**. Press **OK** to delete the selected image and exit the menu.

Connecting to an AC power source

1. Set the main switch to OFF.
2. Open the connector cover.
3. Insert the AC adapter jack into the AC input.
4. Plug the AC adapter into a wall outlet.

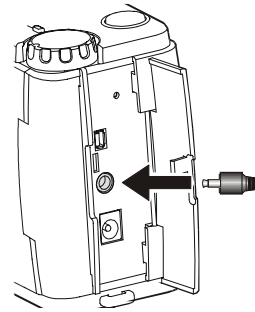


Note: Ensure that the AC adapter you use matches the electrical specifications for the camera. Refer to the Appendix for details.

Viewing pictures on your TV (NTSC or PAL)

Note: You will need to determine the video format of your TV—NTSC or PAL—and set the camera accordingly before proceeding

1. Set the main switch to **Playback**.
2. Open the connector cover.
3. Connect the video cable jack to the video port on the camera.
4. Connect the video cable RCA jack to the video-in port of the TV. The TV displays the image. Use the navigator button to scroll through the images.

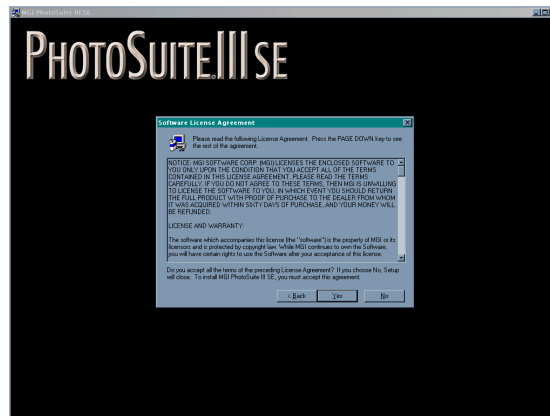


***Note:** Camera operations such as protecting or deleting images when connected to a TV are the same as when using the camera's LCD monitor.*

Installing software

Please follow these instructions to install the included SC-2100 Twain driver and MGI PhotoSuite III SE image editing software. This software will enable you to download the images from your SiPix SC-2100 digital camera to your computer.

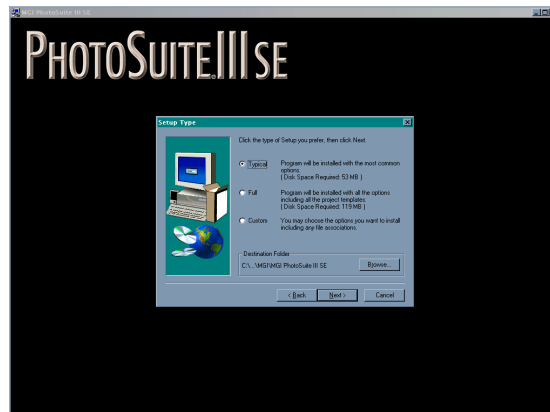
1. Insert the SiPix SC-2100 CD into the CD-ROM drive. The installation program should auto-run. If the installation program does not automatically run, select Start and Run. Enter D:\setup.exe (where “D” is your CD-ROM drive) Choose **OK**. The Installation process will begin. The recommended installation is to install both the SC-2100 Twain driver and MGI PhotoSuite III SE included on a separate CD. Images cannot be downloaded without installing the SC-2100 Twain driver and using it with a Twain compliant imaging application like MGI PhotoSuite II SE. Follow the onscreen instructions to install the SC-2100 TWAIN driver. Restart the computer when instructed.
2. Insert the MGI PhotoSuite III SE CD into the CD-ROM drive. The installation program should auto-run. If the installation program does not automatically run, select Start and Run. Enter D:\setup.exe (where “D” is your CD-ROM drive) Choose **OK**. The Installation process will begin.
 1. On the first screen, click **Next**.



2. Read through the Licensing Agreement
3. After reading the Licensing Agreement, click **Yes**.



4. Choose which type of installation you would like. If you are not sure, choose **Typical**. Click **Next**.

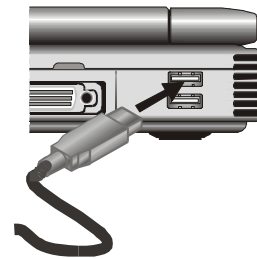
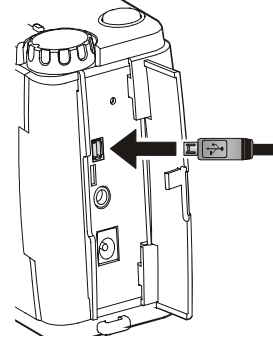


5. The Current Settings window is to show the installation settings. Ensure you have selected the proper settings. Click **Next**.
6. Your application is now installing.
7. After installation it is recommend that you restart your computer before using the MGI PhotoSuite III SE imaging application.

Connecting the SC-2100 to your PC

Use the supplied USB cable to connect your SC-2100 digital camera to a PC or notebook computer and download your pictures. Refer to the following illustration:

1. Set the main switch to CONNECT.
2. Open the connector cover.
3. Connect the small USB connector to the USB connector on the camera.
4. Connect the large USB connector to the USB connector on the PC or notebook computer.
5. After you have connected your camera to your computer, the LCD monitor shows: CONNECT



Downloading pictures to your PC

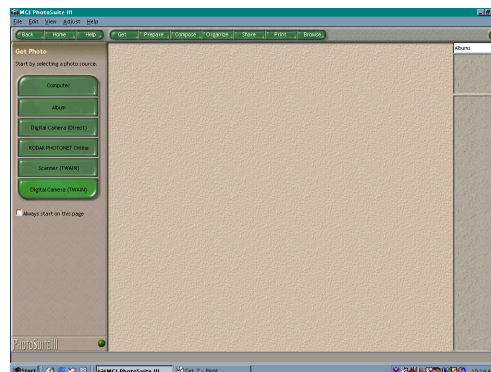
***Note:** Ensure you have installed your MGI PhotoSuite III SE software.*

Follow these instructions to use the included software to download pictures:

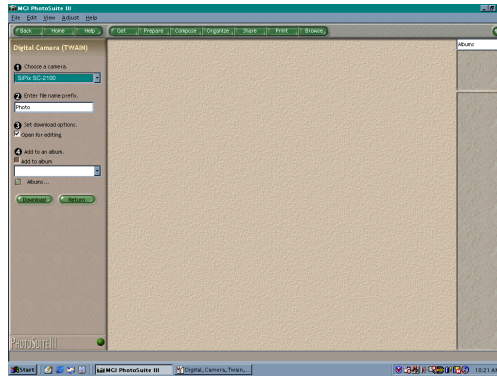
1. Click **Start, Programs, and MGI PhotoSuite III SE**. Then click the **MGI PhotoSuite III SE** icon to open the program.
2. Choose **Get** from the menu across the top of the window.



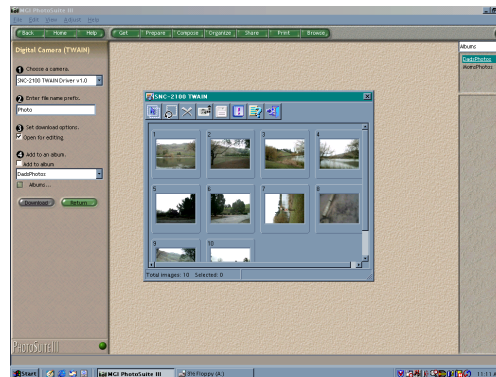
3. Choose **Digital Camera (Twain)** from the menu on the left hand side of the window.



4. Under *Choose a Camera* select the SC-2100 digital camera Twain driver.



5. Name your images in the name prefix text box. Numbers will automatically be added to the end of the names.
6. Choose if you want the images to open for editing in MGI PhotoSuite III SE.
7. Next choose if you would like to add these files to an already existing album or create a new album. (Be sure to check the “add to album” box)
8. Now click the download button. A screen will display the images from your camera.



9. Select the images you want to download to your computer or click the upper left button to select all of the images. Click the transfer button and the images will download to your computer.
10. You can now use this application to edit your images or to print them.

Troubleshooting

Problem	Possible cause	Solution
The camera has no power.	The camera is off.	Make sure that the main switch is not set to OFF .
	The batteries are discharged.	Replace batteries
	The batteries are inserted incorrectly.	Check the battery orientation.
	The AC adapter is not plugged in.	Ensure that the AC adapter is plugged into a working outlet. Also, make sure that the AC adapter has the correct specifications for the camera.
The camera won't take a picture.	Ensure that the Standby LED is on and is not flashing.	If the LED is flashing, wait until it emits a steady light before taking the picture.
	Is the FlashCard full?	If the Flashcard is full, you cannot take any more pictures. Delete some pictures to free up memory.
	Is the CompactFlash card inserted correctly?	If the CompactFlash card is inserted incorrectly, a message is displayed in the LCD status display.
	Is the camera connected to a computer?	The camera's buttons are not functional when connected to a PC. Disconnect the camera to take more pictures.

Troubleshooting (continued)

The flash doesn't work.	Is the flash on?	Ensure that the flash is set correctly.
	The batteries may be weak.	If the batteries are too weak, the flash is unable to recharge. Turn the camera off and wait a few seconds before turning it back on. If this doesn't work, you need to replace the batteries
The pictures are blurred	Camera or subject was moving when the picture was taken.	Hold the camera steady or put it on a tripod to take pictures.
The pictures are dark	Flash is needed	Turn the flash on.
The pictures are too light.	You are facing a bright light when taking the picture.	Re-position shot with light source behind you.
	The flash is set to Flash always on.	Set the flash to Automatic flash.

Specifications

Image Sensor	2.11 Mega Pixels CCD		
Color LCD	1.8-inch TFT color LCD		
External storage media	CompactFlash card (type 1)		
Picture modes	Status	Image format	Storage per 8 MB card
	***	1600 x 1200	6 images
	**	1600 x 1200	31 images
	*	800 x 600	63 images
Color Depth	24-bit color		
Output file format	JPEG (Exif 2.1)		
Optics system	Lens aperture: F3.0/F8.0		
Shutter speed	1 to 1/500 second electronic shutter meter		
Exposure	Auto exposure		
Processing time	Picture to picture < 4 sec.		
USB communication	Cable definition: V 1.1mini USB connector, 3.5-mm mini plug.		
AC Adapter	Output: 6 V DC @ 1.8A		
Battery type	4 x AA alkaline batteries		
Strobe light	Range: 0.9m ~ 3m		
Battery life	Sixty images with Flash and LCD on.		
Compliance	Regulatory compliance: - Safety – UL/CSA/CE - FCC – Class B - EN55022:95 Class B (CE) /IEC950		
Video out	NTSC or PAL (user selectable)		
White balance	- Auto white balance - Balanced for daylight/ fluorescent / tungsten		
Image processing	- White balance - Optical black subtract - Gamma correction - Bayer pattern interpolation and edge enhancement on luma channel		
Focus	Range/depth of field: 0.5 m ~ ∞		

One Year Limited Warranty

SIPIX, INC. WARRANTS THIS HARDWARE PRODUCT AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE ORIGINAL DATE OF PURCHASE AS IDENTIFIED ON THE PROOF OF PURCHASE (YOUR RECEIPT). IT IS THE END-USERS RESPONSIBILITY TO MAKE CERTAIN THIS PRODUCT IS IN WORKING CONDITION WITH THE INTENDED COMPUTER SYSTEM WITHIN THE ONE-YEAR WARRANTY PERIOD.

THESE ARE THE SOLE REMEDIES AND SIPIX'S SOLE LIABILITIES FOR PERFORMANCE OR FAILURE TO PERFORM OF THE PRODUCT. SIPIX RESERVES THE RIGHT TO CHANGE ITS WARRANTY POLICY AT ANY TIME FOR ALL PRODUCTS DISTRIBUTED AFTER THE DATE OF SUCH CHANGE IN WARRANTY. EXCEPT AS SET FORTH ABOVE, ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY EXCLUDED.

SIPIX SHALL NOT BE LIABLE FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR RELATED TO THE USE OR PERFORMANCE OF THE PRODUCT, INCLUDING, WITHOUT LIMITATION, LOSS OF DATA OR USE OF DATA PROCESSING FACILITIES OR EQUIPMENT, REGARDLESS OF WHETHER SIPIX MAY HAVE BEEN ADVISED ABOUT THE POSSIBILITY OF SUCH DAMAGES. SIPIX'S MAXIMUM LIABILITY FOR ANY AND ALL DAMAGES ARISING OUT OF USE OF THE PRODUCT SHALL BE LIMITED TO THE AMOUNTS PAID BY PURCHASER FOR SUCH PRODUCT.

This warranty is only valid within the boundaries and territories of the USA and Canada. SiPix is not responsible for costs incurred due to shipping, insurance, customs, or duties. SiPix is not responsible for non-traceable packages or packages shipped without a valid RMA number on the outside of the package.

This warranty does not apply if the product has been damaged by an accident, electrical fault, through misuse or abuse. If the product has been altered without written authorization from SiPix, the warranty will be void.

This warranty applies only to hardware products manufactured by or for SiPix. Warranted products must bear the "SiPix" brand name,

tradename, or logo. The aforementioned warranty and remedies are exclusive, and in lieu of all others, whether oral, written, expressed or implied. SiPix specifically disclaims any and all implied warranties of merchantability and fitness for a particular purpose.

SiPix is not responsible for incidental or consequential damages resulting from any breach of warranty. SiPix is not responsible under any other legal theory, including, but not limited to lost profits, and any cost of recovering reprogramming or reproducing any program or data stored in or used with SiPix products.

Warranty Service

If your SiPix product needs to be returned for repair, you must contact SiPix technical support prior to shipment for an RMA number before sending in the product. **The RMA number is a Return Merchandise Authorization number. SiPix will refuse all shipments without a proper RMA number.** The RMA number **MUST** be printed on the outside of the original shipping carton in large print written in black ink next to the shipping label. Failure to properly pack shipment could cause serious damage to the product and void the warranty.

Should any defect(s) be discovered, the product may be returned to SiPix with a valid RMA number. If you are returning product for repair, please be sure to do the following:

- 1) Call SiPix Customer Support Mon-Fri during regular business hours toll free at 866-888-1678 and obtain an RMA (Return Merchandise Authorization) number.
- 2) Print your RMA number on the OUTSIDE of the original shipping carton in large print written in black ink next to the shipping label.
- 3) Include a copy of the bill of sale with the returned product.
- 4) Unless otherwise instructed, do not return any manuals or software when returning items for repair.
- 5) Ship to SiPix via a traceable shipping method and retain the tracking number.

Note: This product is intended for use only within the boundaries and territories of the United States and Canada. If you purchased this product in Mexico or South America and need assistance or repair, you must contact your originating reseller for service and support. SiPix Imaging, Milpitas CA, will not accept any shipments from outside the boundaries and territories of the USA and Canada. SiPix often bundles many different third party software options with its products. If any of these options were ordered with your SiPix product and they appear to be missing or incorrect, contact your reseller immediately.

Technical Support

Upon receipt of this SiPix product you are immediately eligible for Technical Support during the warranty period one year from the purchase date. If you need technical assistance after reviewing your manual, please have the product model number and any error codes written down when you call. To ensure a prompt resolution, please be in the proximity of the SiPix product when placing a call. Our technical hours are from 8 AM to 6 PM Pacific Time Monday through Friday, and 9 AM to 5 PM Saturday, excluding holidays toll-free at 866-888-1678

- Technical Support within one year (in warranty) call toll free: 866-888-1678
- Technical Support after one year (out of warranty): 408-719-5076 (customer pays for any toll charges)
- Web Site Support: www.SiPix.com